

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17351	(expir\$ or terminat\$ or end or ending or finish\$ or conclu\$ or stop\$ or discountinu) near4 (date or day or time or period or month or cycle).clm.	US-PGPUB	OR	ON	2006/09/19 15:44
L2	8398	(HMAC or MAC or "message authentication code" or digest or hash or checksum).clm.	US-PGPUB	OR	ON	2006/09/19 15:45
L3	41	1 with 2	US-PGPUB	OR	ON	2006/09/19 15:45
L4	74	(anonymous or alias or proxy or pseudo or pseudonym or "single use" or temporary) near3 1	US-PGPUB	OR	ON	2006/09/19 15:45
L5	6	(verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification) with 4	US-PGPUB	OR	ON	2006/09/19 15:46

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1647	705/50-80.ccls. and @pd>"20050503"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:15
L2	628	713/50,155,182.ccls. and @pd>"20050503"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:16
L3	591	380/277-285,255.ccls. and @pd>"20050503"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:16
L4	3696	726/2-10.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:17
L5	54868	HMAC or MAC or "message authentication code"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:27
L6	3976	(expir\$ or terminat\$ or end or ending or finish\$ or conclud\$ or stop\$ or discontinue) with 5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:31
L7	726	6 with (place\$ or field or position or column or cell or table)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:32
L8	169694	5 or hash or digest or checksum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:31
L9	10814	(expir\$ or terminat\$ or end or ending or finish\$ or conclud\$ or stop\$ or discontinue) with 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33
L10	1440	9 and ("705"/\$ or "713"/\$ or "280"/\$ or "726"/\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:34
L11	40932	(place\$ or field or position or column or cell or insert\$ or replac\$ or input\$ or enter\$) with 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:33

EAST Search History

L12	647944	(expir\$ or terminat\$ or end or ending or finish\$ or conclud\$ or stop\$ or discontinue) near4 (date or day or time or period or month or cycle)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:39
L13	173	11 with 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:34
L14	42	13 and ("705"/\$ or "713"/\$ or "280"/\$ or "726"/\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:39
L15	848	12 with 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:39
L16	193	15 and ("705"/\$ or "713"/\$ or "280"/\$ or "726"/\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 12:39
L17	151	16 not 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 13:17
L18	1684	(anonymous or alias or proxy or pseudo or pseudonym or "single use" or Temporary) near3 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 13:20
L19	54	(verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification) with 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/19 13:22

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2419	"transaction number"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:48
L2	17	expected near2 1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:22
L3	0	("6636971").URPN.	USPAT	OR	ON	2005/05/03 08:24
L4	2	("5727061" "5748738").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/03 08:24
L5	0	1 and 4	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/03 08:25
L6	28	(calculat\$ or compute or computed) near3 1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:43
L7	2	((verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification) near4 (code)) and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:44
L8	1	((verif\$ or validat\$ or confirm\$ or check\$ or certify\$ or certification) near4 (code)) and 6	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:44
L9	41290	("message digest" or "HMAC" or "MAC" or "message authentication code")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:50
L10	1422689	(verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:50
L11	3654	L10 near4 L9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:50
L12	3654	L11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:51
L13	76	1 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/03 08:52

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	162602	(next or second or expected) near3 (number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:58
L2	41256	("message digest" or HMAC or MAC or "message authentication code")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:44
L3	4519	705/50-80.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:44
L4	7752	713/150,155,182,200-202.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:47
L5	1978	380/277-285,255.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:47
L6	358	1 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:47
L7	30	6 and (3 or 4 or 5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13
L9	38	("5231666").URPN.	USPAT	OR	ON	2005/05/02 15:55
L10	6	9 and (transaction near2 number)	USPAT	OR	ON	2005/05/02 15:57
L11	11	("4309569" "4661658" "4850177" "4908861" "4918728" "4924514" "4924515" "4941176" "4993069" "5007089" "5103478").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/02 15:57
L12	0	11 and (transaction near2 number)	USPAT	OR	ON	2005/05/02 15:58
L13	5862	(transaction near3 number)	USPAT	OR	ON	2005/05/02 15:58
L14	394	(next or second or expected) near3 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:58
L15	4	14 same 2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 15:59

L16	1421810	(verif\$ or validat\$ or confirm\$ or check\$ or authentic\$ or certify\$ or certification)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:04
L17	3651	16 near 4.2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:07
L18	27	17 and 14	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13
L20	155354	1: not ("random number")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13
L21	408	17 and 20	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13
L22	61	21 and (3 or 4 or 5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/02 16:13

YSTEM:OS - DIALOG OneSearch

File 15:ABI/Inform(R) 1971-2005/May 02
(c) 2005 ProQuest Info&Learning

*File 15: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 9:Business & Industry(R) Jul/1994-2005/Apr 28
(c) 2005 The Gale Group

File 610:Business Wire 1999-2005/May 02
(c) 2005 Business Wire.

*File 610: File 610 now contains data from 3/99 forward.
Archive data (1986-2/99) is available in File 810.

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2005/May 02
(c) 2005 The Gale Group

File 476:Financial Times Fulltext 1982-2005/May 02
(c) 2005 Financial Times Ltd

File 624:McGraw-Hill Publications 1985-2005/May 02
(c) 2005 McGraw-Hill Co. Inc

*File 624: Homeland Security & Defense and 9 Platt energy journals added
Please see HELP NEWS624 for more

File 636:Gale Group Newsletter DB(TM) 1987-2005/May 02
(c) 2005 The Gale Group

File 621:Gale Group New Prod.Annou. (R) 1985-2005/May 02
(c) 2005 The Gale Group

File 613:PR Newswire 1999-2005/May 02
(c) 2005 PR Newswire Association Inc

*File 613: File 613 now contains data from 5/99 forward.
Archive data (1987-4/99) is available in File 813.

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 16:Gale Group PROMT(R) 1990-2005/Apr 29
(c) 2005 The Gale Group

*File 16: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 634:San Jose Mercury Jun 1985-2005/Apr 30
(c) 2005 San Jose Mercury News

File 148:Gale Group Trade & Industry DB 1976-2005/May 02
(c) 2005 The Gale Group

*File 148: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 20:Dialog Global Reporter 1997-2005/May 02
(c) 2005 The Dialog Corp.

File 35:Dissertation Abs Online 1861-2005/Mar
(c) 2005 ProQuest Info&Learning

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

*File 583: This file is no longer updating as of 12-13-2002.

File 65:Inside Conferences 1993-2005/Apr W4
(c) 2005 BLDSC all rts. reserv.

File 2:INSPEC 1969-2005/Apr W4
(c) 2005 Institution of Electrical Engineers

File 474:New York Times Abs 1969-2005/Apr 30
(c) 2005 The New York Times

File 475:Wall Street Journal Abs 1973-2005/Apr 29
(c) 2005 The New York Times

File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Mar
(c) 2005 The HW Wilson Co.

File 256:TecInfoSource 82-2005/Mar
(c) 2005 Info.Sources Inc

File 348:EUROPEAN PATENTS 1978-2005/Apr W04

(c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050428,UT=20050421
(c) 2005 WIPO/Univentio
File 347:JAPIO Nov 1976-2004/Dec (Updated 050405)
(c) 2005 JPO & JAPIO

Set Items Description

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Set	Items	Description
S1	28298122	(NEXT OR SECOND OR EXPECTED)
S2	14657520	(NUMBER)
S3	9616	TRANSACTION (N2) NUMBER
S4	518034	(MESSAGE(W)DIGEST) OR HMAC OR MAC OR (MESSAGE(W)AUTHENTICATION(W)CODE)
S5	8675209	(VERIF? OR VALIDAT? OR CONFIRM? OR CHECK? OR AUTHENTIC? OR CERTIFY? OR CERTIFICATION)
S6	6347	S5 (N4) S4
S7	641974	S1 (N3) 3
S8	358	S6 AND S7
S9	93	S8 AND <u>PD<20000411</u>
S10	93	RD (unique items)

Considered

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1718	705/64:79.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:35
L2	1129	713/150,"155","156".ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:35
L4	298	(HMAC or MAC or "message authentication code") and (1 or 2)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:01
L5	2	"20010034720".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:44
L6	3	"expected transaction sequence"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:39
L7	24584	(anonymous or alias or proxy or disposable or pseudo or pseudonym or "single use") near3 (account or number or code)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:39
L8	1192	(next or second or secondary or expect\$) near4 7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:49
L9	28	(1 or 2) and 8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:40
L10	10799	((expire or expiration or termination or ending) near3 (date or month or day))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:01
L11	662	(HMAC or MAC or "message authentication code") and L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:01
L12	43	(HMAC or MAC or "message authentication code") same L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:20
L13	5928	(HMAC or MAC or "message authentication code") near20 (placeholder or field or position or column or cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:08

Considered

L14	30	(1 or 2) and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:09
L15	2	"9967766".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:34
L16	44	("one way") same L10	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:26
L17	151667	(next or second or expected) near3 (number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:39
L18	184312	(next or second or expected or random) near3 (number)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:39
L19	6059	7 same 18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:40
L20	157	(1 or 2) and 19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:41
S1	2	"20030120615".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 12:53
S2	2	"5724424".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 11:17
S3	3340	(hash or "message digest" or HMAC or checksum or MAC or "message authentication code") same ((private or secret or integrity) near3 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:44
S4	929	((account or card or payment) near3 (number or code)) same ((private or secret or integrity) near3 key)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 14:49
S5	251	S3 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 13:54

Considered

answering

S6	82	S3 same S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 13:54
S7	1261	("message digest" or HMAC or MAC or "message authentication code") same ((private or secret or integrity) near3 key.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 14:55
S8	32	S4 same S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 14:49
S9	731	(HMAC or MAC or "message authentication code") same ((private or secret or integrity) near3 key.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:38
S10	23	S4 same S9	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 14:56
S11	2	("6062472").URPN.	USPAT	OR	ON	2004/10/18 15:17
S12	20	("4058839" "4746786" "5093787" "5097115" "5155342" "5175416" "5221838" "5247578" "5264689" "5285055" "5329589" "5396558" "5428684" "5440634" "5495098" "5539825" "5559313" "5767504" "5796092" "5884292").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/10/18 15:18
S13	1	(US-6000832-\$).did.	USPAT	OR	ON	2004/10/18 16:13
S14	1	S13 and (bin or (bank near (id or ident\$)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:16
S15	1	S13 and (bank)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:15
S16	1	S13 and (issu\$ near (id or ident\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:36
S17	1	S13 and ((expire or expiration or termination or ending) near3 (date or month or day))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:38

S18	10790	((expire or expiration or termination or ending) near3 (date or month or day))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 10:00
S19	43	(HMAC or MAC or "message authentication code") same S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/19 09:35
S20	80	(checksum) same S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:44
S21	79	S20 not S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/18 16:45

Consider

SYSTEM:OS - DIALOG OneSearch

File 15:ABI/Inform(R) 1971-2004/Oct 16
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*File 15: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 9:Business & Industry(R) Jul/1994-2004/Oct 18
(c) 2004 The Gale Group

File 610:Business Wire 1999-2004/Oct 18
(c) 2004 Business Wire.

*File 610: File 610 now contains data from 3/99 forward.
Archive data (1986-2/99) is available in File 810.

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 275:Gale Group Computer DB(TM) 1983-2004/Oct 15
(c) 2004 The Gale Group

File 476:Financial Times Fulltext 1982-2004/Oct 19
(c) 2004 Financial Times Ltd

File 624:McGraw-Hill Publications 1985-2004/Oct 16
(c) 2004 McGraw-Hill Co. Inc

*File 624: Homeland Security & Defense and 9 Platt energy journals added
Please see HELP NEWS624 for more

File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 15
(c) 2004 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2004/Oct 15
(c) 2004 The Gale Group

File 613:PR Newswire 1999-2004/Oct 19
(c) 2004 PR Newswire Association Inc

*File 613: File 613 now contains data from 5/99 forward.
Archive data (1987-4/99) is available in File 813.

File 813:PR Newswire 1987-1999/Apr 30
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File 16:Gale Group PROMT(R) 1990-2004/Oct 15
(c) 2004 The Gale Group

*File 16: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 634:San Jose Mercury Jun 1985-2004/Oct 18
(c) 2004 San Jose Mercury News

File 148:Gale Group Trade & Industry DB 1976-2004/Oct 15
(c) 2004 The Gale Group

*File 148: Alert feature enhanced for multiple files, duplicate removal, customized scheduling. See HELP ALERT.

File 20:Dialog Global Reporter 1997-2004/Oct 19
(c) 2004 The Dialog Corp.

File 35:Dissertation Abs Online 1861-2004/Sep
(c) 2004 ProQuest Info&Learning

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

*File 583: This file is no longer updating as of 12-13-2002.

File 65:Inside Conferences 1993-2004/Oct W3
(c) 2004 BLDSC all rts. reserv.

File 2:INSPEC 1969-2004/Oct W2
(c) 2004 Institution of Electrical Engineers

*File 2: Alert feature enhanced for multiple files, duplicates removal, customized scheduling. See HELP ALERT.

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.

*File 233: File 233 is closed (no longer updating).

File 474:New York Times Abs 1969-2004/Oct 18
(c) 2004 The New York Times

File 475:Wall Street Journal Abs 1973-2004/Oct 18
(c) 2004 The New York Times

File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
(c) 2004 The HW Wilson Co.
File 256:TecInfoSource 82-2004/Jul
(c)2004 Info.Sources Inc
File 348:EUROPEAN PATENTS 1978-2004/Oct W01
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20041014,UT=20041007
(c) 2004 WIPO/Univentio
File 347:JAPIO Nov 1976-2004/Jun(Updated 041004)
(c) 2004 JPO & JAPIO
*File 347: JAPIO data problems with year 2000 records are now fixed.
Alerts have been run. See HELP NEWS 347 for details.

Set Items Description

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Set	Items	Description
S1	157094	((EXPIRE OR EXPIRATION OR TERMINATION OR ENDING) (N3) (DATE OR MONTH OR DAY))
S2	495821	(HMAC OR MAC OR (MESSAGE(W) AUTHENTICATION(W) CODE))
S3	154	S1 (S) S2
S4	23	S3 AND PD<20000412
S5	19	RD (unique items)
S6	16400	(HMAC OR MAC OR "MESSAGE AUTHENTICATION CODE") (N20) (PLACEHOLDER OR FIELD OR POSITION OR COLUMN OR CELL)
S7	2823	S6 AND PD<20000411
S8	6599	(HMAC OR MAC OR "MESSAGE AUTHENTICATION CODE") (N5) (PLACEHOLDER OR FIELD OR POSITION OR COLUMN OR CELL)
S9	1085	S8 AND PD<20000411
S10	142	(ONE(W)WAY) (S) S1
S11	4459699	10 AND PD<20000411
S12	4459699	S11 AND PD<20000411
S13	31	<u>S10 AND PD<20000411</u>
S14	30	RD (unique items)

considered

L Number	Hits	Search-Text	DB	Time stamp considered
6	3	"expected transaction sequence"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 10:05
7	23127	"transaction sequence" or "sequence number"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 10:05
8	638	(MAC or "message authentication code" or hash\$ or "message digest" or HMAC) same ("transaction sequence" or "sequence number")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 11:49
9	25	705/64-79.ccls. and ((MAC or "message authentication code" or hash\$ or "message digest" or HMAC) same ("transaction sequence" or "sequence number"))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 10:12
12	27	(US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6567794-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$ or US-6098053-\$ or US-6539364-\$ or US-6449717-\$ or US-6658568-\$ or US-6167402-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.	USPAT; US-PGPUB	2004/02/18 11:24
13	193279	(route or routing or send\$ or transmit\$ or transport\$) near4 (bank or issuer or receiver or "payment computer")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 10:31
14	17	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6567794-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$ or US-6098053-\$ or US-6539364-\$ or US-6449717-\$ or US-6658568-\$ or US-6167402-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and ((route or routing or send\$ or transmit\$ or transport\$) near4 (bank or issuer or receiver or "payment computer"))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 10:35

considered

15	10	expiration and ((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6567794-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$ or US-6098053-\$ or US-6539364-\$ or US-6449717-\$ or US-6658568-\$ or US-6167402-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 12:09
16	2	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6567794-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$ or US-6098053-\$ or US-6539364-\$ or US-6449717-\$ or US-6658568-\$ or US-6167402-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and ((MAC or "message authentication code" or hash\$ or "message digest" or HMAC) same expiration)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 11:50
17	2	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6567794-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$ or US-6098053-\$ or US-6539364-\$ or US-6449717-\$ or US-6658568-\$ or US-6167402-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and ((MAC or "message authentication code" or hash\$ or "message digest" or HMAC or checksum) same expiration)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 12:12
18	530	(anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near3 (expire or expiration)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 12:11

19	0	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6567794-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$ or US-6098053-\$ or US-6539364-\$ or US-6449717-\$ or US-6658568-\$ or US-6167402-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and ((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near3 (expire or expiration))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 12:11
20	207	((anonymous or alias or proxy or disposable or pseudo or pseudonym or packet) near3 (expire or expiration)) and (MAC or "message authentication code" or hash\$ or "message digest" or HMAC or checksum)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 12:19
	1528	705/64-79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 10:12
-	10	5724424.pn. or 200169556.pn. or 1028401.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 09:36
-	8	6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 09:37
-	68	Armes.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 09:37
-	2	Armes.in. and @pd=20011025	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 09:42
-	4	6072870.pn. or 5317636.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 09:41
-	16	20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 09:45

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	3	200215077.pn. or 200184509.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 09:46
	14	200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 09:48
	18	key and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:41
	2	(key and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))) and (MAC or "message authentication code")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:02
	488	((private or secret or lock) near3 key) same (MAC or "message authentication code")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:07
	43	705/64-79.ccis. and (((private or secret or lock) near3 key) same (MAC or "message authentication code"))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:01
	5	(key and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))) and hash\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:07

considered

	2740	((private or secret or lock) near3 key) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:15
	3	(key and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))) and (digest or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:10
	274	705/64-79.ccls. and (((private or secret or lock) near3 key) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:10
	926	((private or secret or lock) near3 key) same account	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:15
	285	(((private or secret or lock) near3 key) same account) and (((private or secret or lock) near3 key) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 10:15
	86	(((private or secret or lock) near3 key) same account) and (((private or secret or lock) near3 key) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))) and 705/64-79.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:21
	79671	bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or route or routing or code))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:19
	65	((((private or secret or lock) near3 key) same account) and (((private or secret or lock) near3 key) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))) and 705/64-79.ccls.) and (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or route or routing or code)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:17

	79315	bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or code))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:24
	5021	(route or routing or send\$ or transmit\$ or transport\$) near4 (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or code)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:21
	10) (((((private or secret or lock) near3 key) same account) and (((private or secret or lock) near3 key) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))) and 705/64-79.ccis.) and ((route or routing or send\$ or transmit\$ or transport\$) near4 (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or code)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:21
	1	((route or routing or send\$ or transmit\$ or transport\$) near4 (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or code))))) ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:43

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	8	(bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identifcation or number or code)) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 11:43
	2274	Slater.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:13
	41	(bin or bank or "clearing house" or acquier or clearinghouse or "third party" or issuer or id or identifcation or number or code) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:25
	11	(bin or ((id or identification) near3 (number or code))) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:30

Considered

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	3	Slater.in. and "payment instruction"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:41
	2	(Slater.in. and "payment instruction") and key	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:41
	35	(code or software or program or instructions) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:43
	9	((code or software or program or instructions) same key) and ((5724424.pn. or 200169556.pn. or 1028401.pn.) or (6227447.pn. or 5883810.pn. or 5790677.pn. or 5761306.pn.) or (6072870.pn. or 5317636.pn.) or (20020052784.pn. or 200246169.pn. or 6370514.pn. or 20020032663.pn. or 20010051902.pn. or 20010051902.pn. or 20010047335.pn. or 20010047281.pn. or 20010037451.pn. or 5903878.pn.) or (200215077.pn. or 200184509.pn.) or (200167215.pn. or 200126062.pn. or 20010783.pn. or 200101622.pn.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:44
	18	(US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$ or US-20010047335-\$).did.	USPAT; US-PGPUB	2004/02/17 12:44

considered

	10	((code or software or program or instructions) same key) and ((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$ or US-20010047335-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 12:47
	17	(US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.)	USPAT; US-PGPUB	2004/02/17 12:47
	16	(code or software or program or instructions) and ((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:09
	4866	(code or software or program or instructions) near10 ((secret or private or lock) near3 key)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:27
	2	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and ((code or software or program or instructions) near10 ((secret or private or lock) near3 key))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:12
	209	705/64-79.ccls. and ((code or software or program or instructions) near10 ((secret or private or lock) near3 key))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:13

considered

	4912	(creat\$ or generat\$ or esablish\$ or produce or producing or producued) near4 ((secret or private or lock) near3 key)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:27
	1467	(code or software or program or instructions) same ((creat\$ or generat\$ or esablish\$ or produce or producing or producued) near4 ((secret or private or lock) near3 key))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 14:27
	107	705/64-79.ccls. and ((code or software or program or instructions) same ((creat\$ or generat\$ or esablish\$ or produce or producing or producued) near4 ((secret or private or lock) near3 key)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 15:04
	8	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and ((expire or expiration or termination or ending) near3 (date or month or day))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 15:06
	1	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and (((expire or expiration or termination or ending) near3 (date or month or day)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 15:09
	25	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$ or US-6567794-\$ or US-6539364-\$ or US-6449717-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.)	USPAT; US-PGPUB	2004/02/17 15:10

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-	1	((((expire or expiration or termination or ending) near3 (date or month or day)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))) and ((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6098053-\$ or US-6567794-\$ or US-6539364-\$ or US-6449717-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 15:10
-	144	((expire or expiration or termination or ending) near3 (date or month or day)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:31
-	6245	(field or column or cell) near10 (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:31
-	702	((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:38
-	11	((((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:37
-	9916	(expire or expiration or termination or ending) near5 (field or column or cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:37
-	47	((expire or expiration or termination or ending) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:38
-	59001	(date or month or day)-near5-(field or column or cell)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:44

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	36	((expire or expiration or termination or ending) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)) not (((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:42
	261	((date or month or day) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:45
	261	((date or month or day) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)) not (((expire or expiration or termination or ending) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)) not (((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:42
	250	((date or month or day) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)) not (((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:43
	16839	(date or month or day) near5 (field or column)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:44
	91	((date or month or day) near5 (field or column)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:45
	80	((date or month or day) near5 (field or column)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)) not (((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/18 09:32

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	80	((date or month or day) near5 (field or column)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)) not (((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC))) not (((expire or expiration or termination or ending) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)) not (((expire or expiration or termination or ending) near3 (date or month or day)) near5 (field or column or cell)) same (MAC or "message authentication code" or hash\$ or "message digest" or HMAC)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:57
	27	(US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6567794-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$ or US-6098053-\$ or US-6539364-\$ or US-6449717-\$ or US-6658568-\$ or US-6167402-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.	USPAT; US-PGPUB	2004/02/17 17:57
	15	((US-5724424-\$ or US-6227447-\$ or US-5883810-\$ or US-5790677-\$ or US-5761306-\$ or US-6072870-\$ or US-5317636-\$ or US-6370514-\$ or US-5903878-\$ or US-6567794-\$ or US-6292895-\$ or US-6253322-\$ or US-6038551-\$ or US-6029150-\$ or US-5870473-\$ or US-6098053-\$ or US-6539364-\$ or US-6449717-\$ or US-6658568-\$ or US-6167402-\$).did. or (US-20010034720-\$ or US-20020052784-\$ or US-20020032663-\$ or US-20010051902-\$ or US-20010047281-\$ or US-20010037451-\$ or US-20030120615-\$).did.) and (bin or ((bank or "clearing house" or acquier or clearinghouse or "third party" or issuer) near3 (id or identification or number or code)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/17 17:58